### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY **WASHINGTON, D.C. 20460**



## FEPA United States Environmental Protection Office of Pesticide Programs Agency

#### **MEMORANDUM**

10/30/2019

**SUBJECT:** 

Product Chemistry Review for Jaguar

EPA Reg. No.: 5813-REU, DP 453221

FROM: SRodriguez, chemist

Product Science Branch, CT Team Antimicrobials Division (7510P)

THRU: Karen P. Hicks, Team Leader

Product Science Branch

Antimicrobials Division (7510P)

TO: Demson Fuller, PM Team 32 / Wanda Henson

> Regulatory Management Branch I Antimicrobials Division (7510P)

Registrant: The Clorox

Co.

Action code: A540 Agency Due Date: 11/14/2019

Science Due Date: 10/15/2019

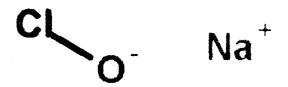
Submission No.: 39613 E-Sub No.: 1035293

Classification: EP

Process: Integrated system Pesticide classification:

Antimicrobial

Formulation from label			
PC code(s)	CAS #(s)	Active Ingredient(s)	% weight
069105	7681-52-9	Sodium Hypochlorite	3.65



#### I. BACKGROUND

The Registrant, The Clorox Co., has submitted an application for pesticide registration for their laundry sanitizer for use in the final rinse cycle of the washing machine product: *Jaguar* EPA Reg. No. 5813-REU. This product is for use in food processing, farms, restaurants, hotels, swimming pools, and in industrial applications as a bleach. This product kills bacteria as disinfectants, antiseptics or antibiotics and kills or irreversibly inactivates at least 99.9 % of bacteria, fungi & viruses.

#### II. RELEVANT DOCUMENTS

	RECEIVED	N/A
EPA FORM 8570-1 – Application for Pesticide Registration	Ø	
EPA FORM 8570-27 – Formulator's Exemption Statement	Ø	
EPA FORM 8570-34 – Certification with respect to citation of data		Ø
EPA FORM 8570-35 – Data Matrix (5/24/2019)	Ø	
Cover letter (5/24/2019)	Ø	
Transmittal document	Ø	
Proposed CSF BASIC & ALT #: (A01), (5/24/2019)	Ø	
Proposed label, (5/24/2019)	Ø	
Certification for Pilot Fragrance Notification Program	Ø	
		Ø
REFERENCED: N/A		

#### III. FINDINGS

#### CONFIDENTIAL STATEMENT OF FORMULA

#### a. Product Formulation:

	TGAI	MUP	EUP	Food use	Non-food use	
Non-integrated			Ø		Ø	
Integrated						
Active Ing	Active Ingredients(s)			Upper limit	Lower limit	
Sodium Hy	Sodium Hypochlorite			4.20	3.04	

					_
	Acceptab	I	Not eptable	N/A	
1. The certified limits of all ingredients are within 40 CFR standard certified limits.	Ø				
2. Wider certified limits were requested, and	Ø				
rationale was accepted.					
3. The nominal concentration(s) of the active	Ø				
ingredient is in agreement with the label.					
4. The chemical IDs and analytical information for	Ø	· [			
density, pH, and flammability are consistent with					
Series 830 Group B data.					
5. All inert ingredients are approved for non-food use	Ø		]		
pesticide formulations.					
6. The impurities present >0.1% are identified.			]	<b>Ø</b>	
7. Impurities of toxicological significance have an			] [	$\boxtimes$	
upper certified limit.					_
upper certified limit. Product Label: Yes NO N/A The formula contains one of the following:					
		Yes	NO	N/A	
The formula contains one of the following:				·	
1. 10% or more of petroleum distillate			Ø		
2. 1.0% or more of methyl alcohol			$\bowtie$		
3. Sodium nitrite at any level			Ø		
4. A toxic list 1 inert at any level			Ø		
5. Arsenic in any form			Ø		
6. If yes to 2-6, then the inert ingredient list contains a relevant			Ø		
footnote					
7. Appropriate warning statements regarding flammabi	lity or			Ø	
explosive characteristics of the product are included on	the				
label					
8. The storage and disposal instructions for the pesticid	e	$\bowtie$			
container follow PR Notice 84-1 for household use products or					
PR Notice 83-3 for all other uses.			ļ		
	e the			$\bowtie$	
9. The product requires an expiration date at which time the nominal concentration falls below the lower certified limit.					

# IV. Additional Findings V. Conclusion:

Product Science Branch of Antimicrobials Division finds the proposed Confidential Statements of Formula, for the basic and alternate #: (A01) formulations, , dated 5/24/19, and the OPPTS Guideline Group "A & B", Series 830, supporting the antimicrobial , integrated, non-food use, end-use product **5813-REU** to be **acceptable.** 

VI. Table A: Series 830 guidelines – Group A

OPPTS#	Name	Status	MRID
830.1550	Product Identity & Composition	Acceptable	50545701
830.1600	Description of materials	Acceptable	50545701
830.1620	Description of production process	Acceptable	50545701 50839902
830.1650	Description of formulation process	Acceptable	50545701
830.1670	Discussion of formation of impurities	Acceptable	50545701
830.1700	Preliminary analysis	Acceptable	50545701 50839902
830.1750	Certified limits	Acceptable	50545701
830.1800	Enforcement analytical method	Acceptable	50545701 50839902
830.1900	Submittal of samples	Not applicable, non- integrated	N/A

VII. Table B: Series 830 guidelines – Group B

"Product Citation Data Waiver" MRID#s: 50839902 & 50545701